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Approved For Release 2002/06/17 : CIA-RDP78B04747A000600010022-1

21 December 1960

MEMORANDUM FOR: Administrative Staff, PIC

SUBJECT: Contract [REDACTED]

1. Because of the long lead times required for procurement of equipment and personnel, coupled with the relative imminence of SAMOS inputs to PIC, it is necessary that we have the benefit of experienced guidance to assist us in our planning.

2. I am proposing that an additional task be officially added to [REDACTED] current contract to permit them to apply to our problem the experience they gained as a sub-contractor to [REDACTED] for the SS/I of SAMOS. Such an effort, plus that described below, would require that we increase the funding to the contract by approximately [REDACTED]. The SAMOS portion would cover about 10 man-months effort and would be completed within about two months. The work statement for such [REDACTED] effort should be: Task 15 - Investigate and evaluate the effect on the client's present and planned photo interpretation, data reduction and computational systems of inputs of satellite reconnaissance photography and collateral data.

3. In addition to the Task 15, described above, I am also proposing that [REDACTED] be funded with an amount necessary for them to continue their present level of computer programming for at least a six-month period. At present a Task 17 has been assigned to [REDACTED] as an extension of work already done, in an attempt to increase the efficiency of some of the computer programs. The six-month extension could reasonably be covered by this Task 17.

4. [REDACTED] latest estimate indicates that by the termination date of their contract, 19 January 1961, they will have expended [REDACTED] beyond that allotted, if the present level continues. This would include Tasks 15 and 17 as noted above. This amount breaks down into expenditures [REDACTED] for Task 15 and [REDACTED] for Task 17. The remainder of [REDACTED] to be used to complete the previously assigned tasks.

5. The difference between the [REDACTED] proposed in paragraph 2 and the [REDACTED] in paragraph 4 is to allow [REDACTED] to continue their present effort for about six months. This time is necessary to allow us to investigate and possibly clear another computer programming contract facility to eventually replace the [REDACTED] activity.

Declass Review by NIMA/DOD

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6. None of the proposed effort should change the scope or add new security information to [ ] present contract and, therefore, should fall within the guidelines set down by the Office of Security.

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7. The attached Work Statement and Work Plan adequately describes the effort [ ] will make in satisfaction of the Task 15. (Note that I have deleted one word from the Work Statement as written by [ ])

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Chief, TISD

PIC/TISD: [ ] [ ]

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## WORK STATEMENT

Investigate and evaluate the effect on the client's present and planned photo interpretation, data reduction, and computational systems of ~~additional~~ inputs of satellite reconnaissance photography and collateral data.

## WORK PLAN

Assuming that the basic use of SAMOS photography will be the same in the environment of a P.I. Cell as it was in SS/I, [ ] propose to evaluate the programs, procedures, reporting codes, report formats, time and personnel requirements, and equipments developed under SS/I in light of the proposed systems described in [ ] 2, and [ ] - 1. The work will be accomplished during a two month period, at a total of 10 man months. Specific areas of investigation, and the names of the principal investigators, are given below.

1. Examine the reference materials needs and formats as designed or recommended for SS/I for modification and use within a P.I. Cell. Where reference material usage was assigned by SS/I reporting phases and type-cover, this usage will be reassigned to be compatible with the client's reporting system. [ ]
2. Examine the procedures developed to aid the photo interpreter information extraction processes recommended for SS/I to determine their compatibility or adaptability to procedures needed to handle SAMOS photography within the P.I. Cell and its associated multi-purpose computing system. [ ]
3. Evaluate the existing and proposed reporting codes and report formats from the viewpoint of the photo interpreter working within the client's environment. [ ]
4. Evaluate photo-Elint correlation to determine what collateral information might be available to the photo interpreter and where its use would be of value in accurate and timely reporting. [ ]
5. Evaluate the existing and proposed computer programs developed for SS/I to determine which ones of these would be advantageous to the P.I. operating in the client's proposed environment. [ ]
6. Determine mean times for processing photo intelligence under various types of viewing conditions, to assess numbers of men and equipment needed for effective operations. [ ]
7. Determine those critical mensurations which the interpreter should make for selected target categories and supply to the computer. [ ]